# Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

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14306

Application ID:

10063094

APPARATUS AND METHOD FOR

LARGE AREA CHEMICAL VAPOR

Title of Invention:

**DEPOSITION USING MULTIPLE** 

**EXPANDING THERMAL PLASMA** 

**GENERATORS** 

First Named Inventor:

**Barry Yang** 

Domestic/Foreign Application:

**Domestic Application** 

Filing Date:

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Effective Receipt Date:

2002-03-19

new-utility

Submission Type:

**Utility Patent Filing** 

Filing Type:

Confirmation Number:

0

Attorney Docket Number:

RD-27190-2

Digital Certificate Holder:

cn=Robert P. Santandrea, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S.

Government, c=US

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**Deposit Account Number:** 

70868

Deposit Account Name:

Robert P. Santandrea

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## TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

**Attorney Docket** 

RD-27190-

Number:

2

Submission Type: Utility Patent

Filing

# APPARATUS AND METHOD FOR LARGE AREA CHEMICAL VAPOR DEPOSITION USING MULTIPLE EXPANDING THERMAL PLASMA GENERATORS

First Named Inventor: Barry Lee-Mean Yang

SUBMITTED BY

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Date Signed: 20020319

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

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declaration DEC1.tif

declaration DEC2.tif

declaration DEC3.tif

fee-transmittal santandreaRD27190-2fee.xml

bibd-transmittal santandreaRD27190-2apds.xml

specification rd27190.xml

Attached Image File(s):

DEC1.tif

DEC2.tif

DEC3.tif

Comments:

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#### DECLARATION FOR PATENT APPLICATION

Docket Num RD-27,19

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: APPARATUS AND METHOD FOR LARGE AREA CHEMICAL VAPOR DEPOSITION USING MULTIPLE **EXPANDING THERMAL PLASMA GENERATORS** the specification of which is attached hereto unless the following box is checked: was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as an by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulatic §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for pa inventor's certificate listed below and have also Identified below any foreign application for patent or inventor's certificate having date before that of the application on which priority is claimed. Prior Foreign Application **Priority Claimed** Yes No (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed) I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below. (Application Number) (Filing Date) (Application Number) (Filing Date) I hereby claim the benefit under Title 35, United States Code §120 of any United States Application(s) listed below and, insofa the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing de the prior application and the national or PCT international filing date of this application. (Application Number) (Filing Date) (Status - patented, pending, abandone (Application Number) (Filing Date) (Status - patented, pending, abandone I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, CUSTOMER NO. 006147. Robert P. Santandrea, Reg. No. 45,072 Douglas E. Stoner, Reg. No. 26,509, Marvin Snyder, Reg. No. 20,126, Donald S. Ingraham, Reg. No. 33,714, Jill M. Breedlove, Reg. No. 32,684, Noreen C. Johnson, Reg. No. 38,929, Ronald E. Myrick, Reg. No. 26,315, Henry J. Policinski, Reg. No. 26,62 Jay L. Chaskin, Reg. No. 24,030, James W. Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843 and Catherine J. Winter, Reg. No. 38,364. Address all telephone calls to: Robert P. Santandrea at telephone number (518) 387-6304

CRD Patent Docket Rm 4A59
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APP ID=10063094

Address all correspondence to: General Electric Company

RD-27,1 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information belief are believed to be true and further that these statements were made with the knowledge that willful false statements ar the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code at that such willful false statements may jeopardize the validity of the application or any patent issued thereon. SOLE OR FIRST INVENTOR: Full name: Barry Lee-Mean Yang First Name Middle Name Last Name Signature: Date Citizenship: China USA BY Residence: Clifton Park, NY City and State Post Office Address: 3 Algonquin Road, Clifton Park, NY 12065 SECOND JOINT INVENTOR: Full name: Charles Dominic lacovangelo First Name Middle Name Last Name Signature: Date Residence: Niskayuna, NY Citizenship: USA City and State Post Office Address: -1717 Dorwaldt Blvd., Niskayuna, NY 12309 THIRD JOINT INVENTOR: Full name: Kenneth Walter Browall Middle Name First Name Last Name Watter Signature: 6/11/01 Schenectady, NY Residence: Citizenship: USA City and State Post Office Address: 1265 Sagemont Court, Schenectady, NY 12309 FOURTH JOINT INVENTOR: Full name: Steven Marc Gasworth First Name Middle Name Last Name June 5, 2001 la arc Signature: Residence: Farmington Hills, MI Citizenship: USA City and State Post Office Address: 33651 Argonne Road, Farmington Hills, MI 48335

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	First Name	Middle Name	Last Name				
Signature:			Date				
Booldanas			<b>2</b> 11				
Residence:	City and State		Citizenship:				
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				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
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Full name:							
-	First Name	Middle Name	Last Name				
Signature:			Date				
Residence:							
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### **FEE TRANSMITTAL**

Electronic Version 1.1.0 Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

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#### **TOTAL FEES AUTHORIZED: \$ 740**

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

**Authorized Name:** 

Robert P. Santandrea

**Electronic Signature Mark:** 

**RPS** 

Date Signed:

20020319

#### **BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

#### **EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 13	103	\$ 18	0	\$ 0
Independent Claims: 1	102	\$ 84	0	\$ O

Subtotal For Extra Claims Fees: \$ 0